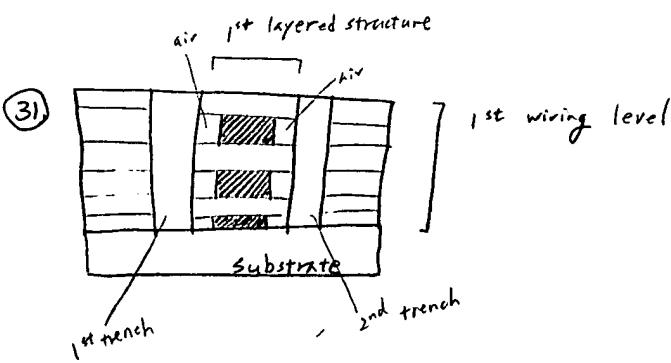


10/17/09, 722

F.D. 5/25/04

Anthony K. Stamper



dual damascene

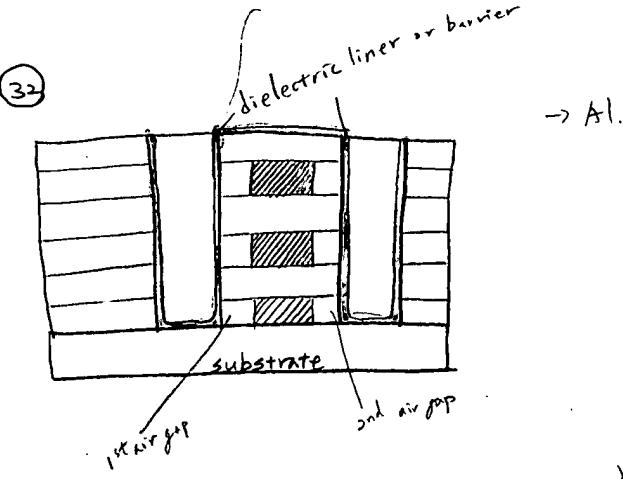
257/758

759

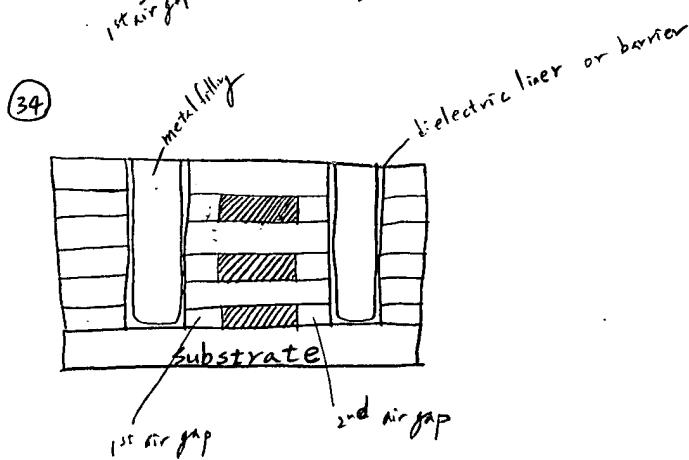
760

774

438/619



653/755



air, gas or vacuum
hollow, air near plug
air pocket
voids

air with trench
barrier or liner

5824599 - dielectric barrier

6949456

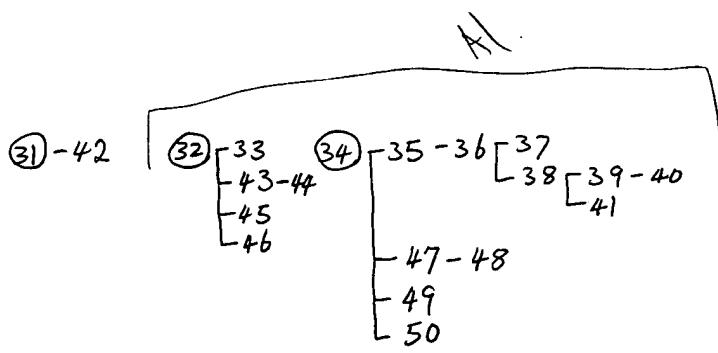
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6017814

5869880

* 6406992 *

6214919



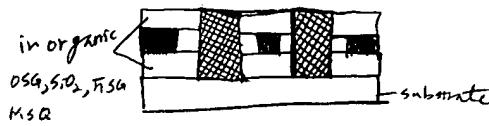
6297554
6090698

10/709,722

T.D. 5/25/04

Anthony K. Stenger

⑯



dual damascene

251/758

759

760

774

1st dielectric -

6531755

air, gas or vacuum

hollow, air near plug
air pocket

voids

⑯ - 17
- 18-19
- 20
- 21
- 22

⑯ - 24
- 25
- 26
- 27-28
- 29
- 30